

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
 Data File : VV018085.D
 Acq On : 24 Aug 2020 13:38
 Operator : SY/MD
 Sample : L3782-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268547	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130564	50.00	ug/L	0.00

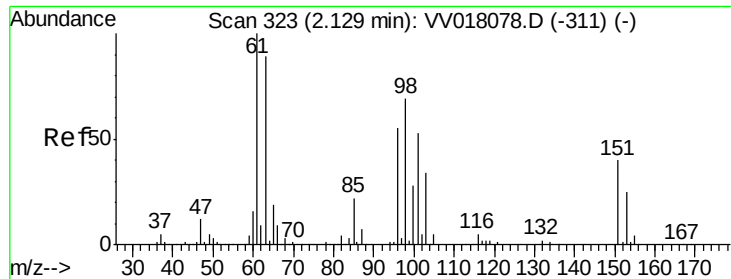
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95285	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	81338	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.12	63	143854	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.91	46	120931	90.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.11%
24) Chloroform-d	4.37	84	173206	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.05	65	117936	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.07	84	352376	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
36) 1,2-Dichloropropane-d6	6.09	67	113750	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.34	98	307921	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.64	79	52445	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.11	63	61703	79.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137421	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	129899	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1307	0.687 ug/L #	20
16) Methylene chloride	2.52	84	2017	0.879 ug/L	91
25) Chloroform	4.40	83	5483	1.444 ug/L	91
37) 1,2-Dichloropropane	6.09	63	12795	5.673 ug/L #	87
48) 2-Hexanone	8.17	43	5979	2.515 ug/L #	47
59) 1,2,3-Trichloropropane	11.27	75	15686	5.632 ug/L	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.687 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

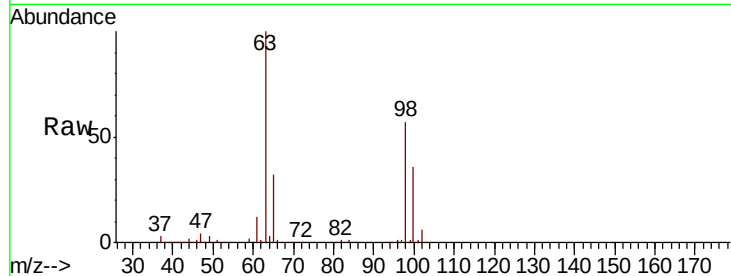
Tot Ion:101 Resp: 1307

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#

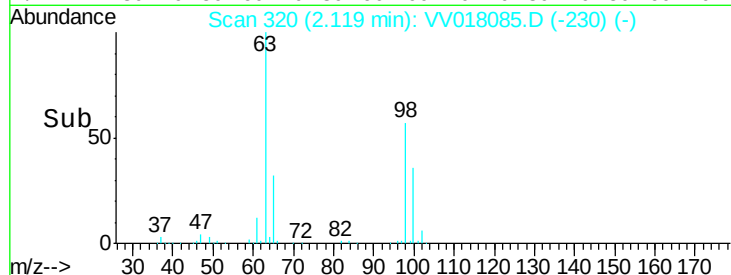


Abundance Ion 101.00 (100.70 to 101.70): V

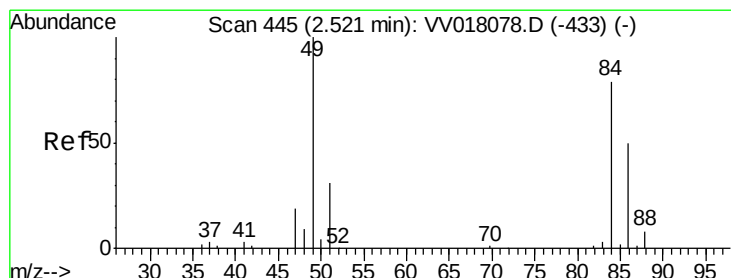
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

Time-->



Time-->



#16

Methylene chloride

Concen: 0.879 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

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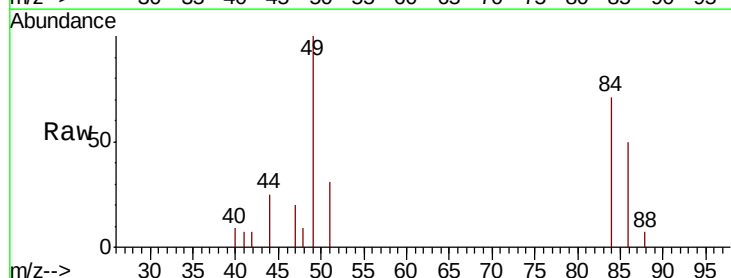
Tgt Ion: 84 Resp: 2017

Ion Ratio Lower Upper

84 100

86 70.9 46.3 85.9

49 140.5 89.7 166.5

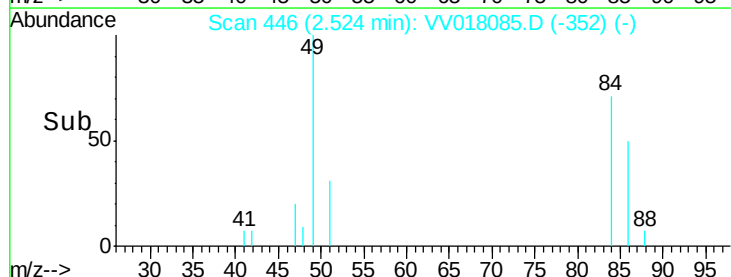


Abundance Ion 84.00 (83.70 to 84.70): VV0

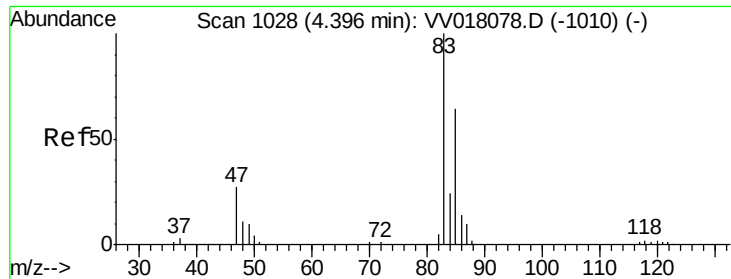
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Time-->



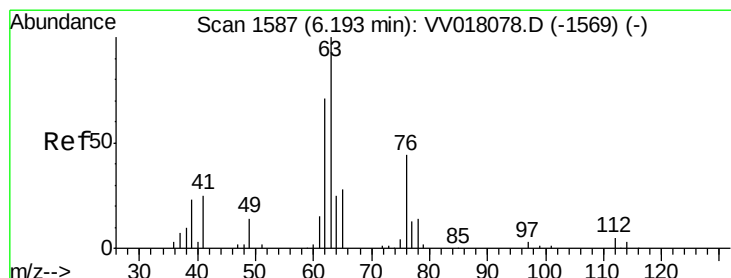
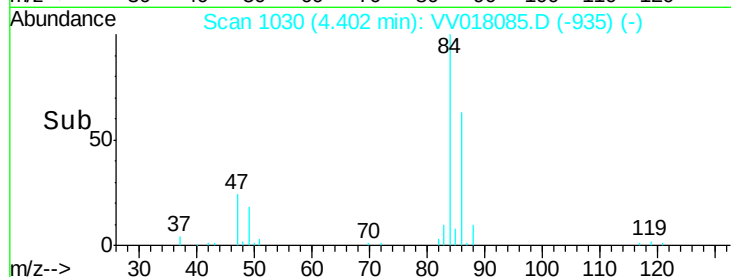
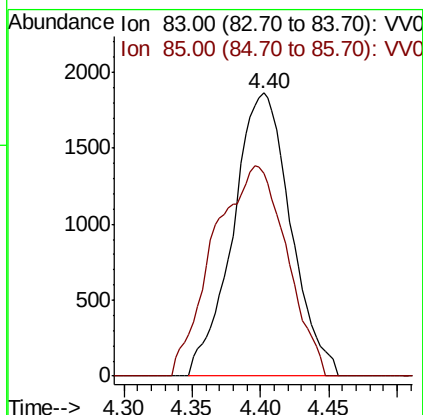
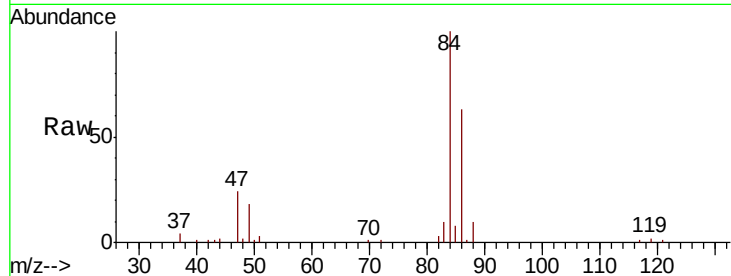
Time-->



#25
Chloroform
Concen: 1.444 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV018085.D
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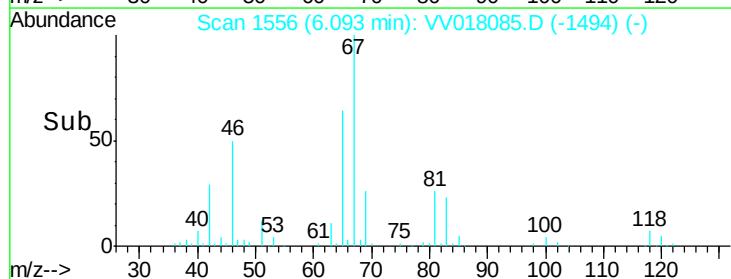
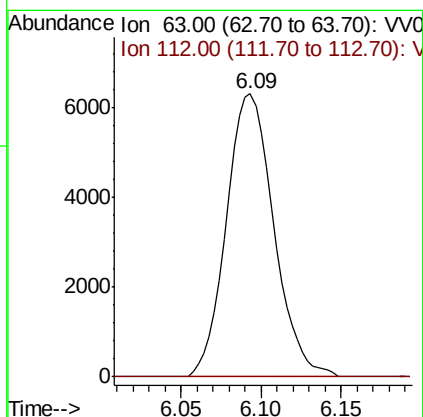
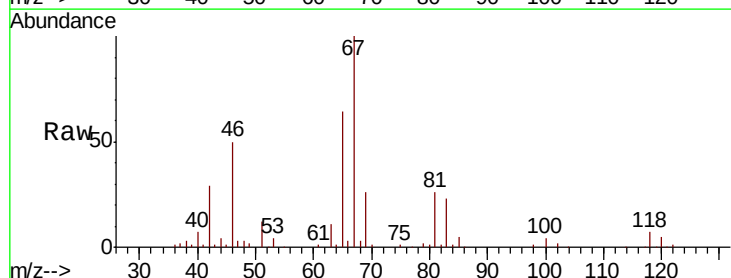
Instrument :
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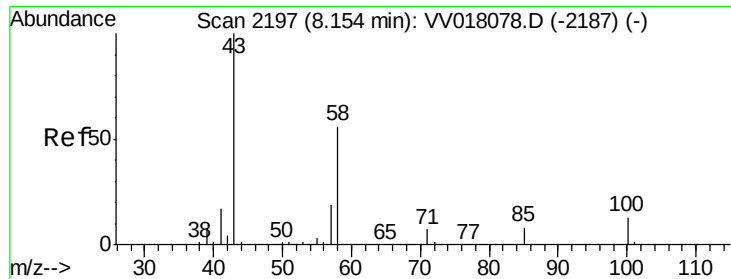
Tot Ion: 83 Resp: 5483
Ion Ratio Lower Upper
83 100
85 71.8 45.5 84.5



#37
1,2-Dichloropropane
Concen: 5.673 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018085.D
Acq: 24 Aug 2020 13:38

Tgt Ion: 63 Resp: 12795
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

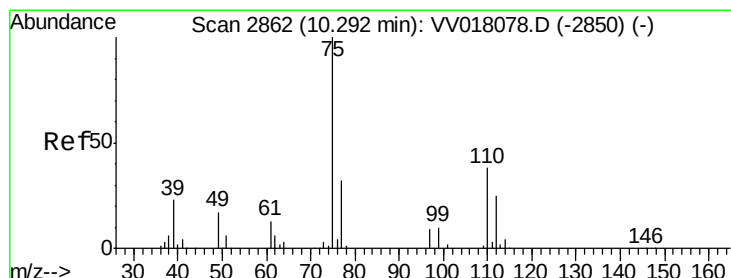
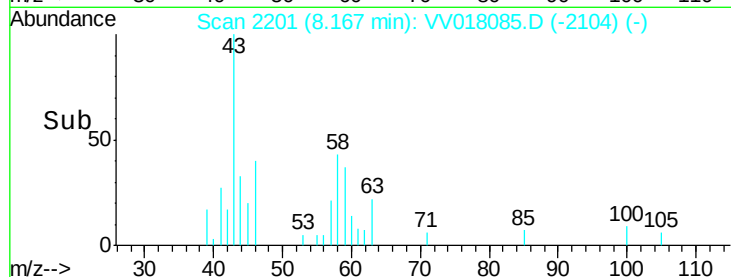
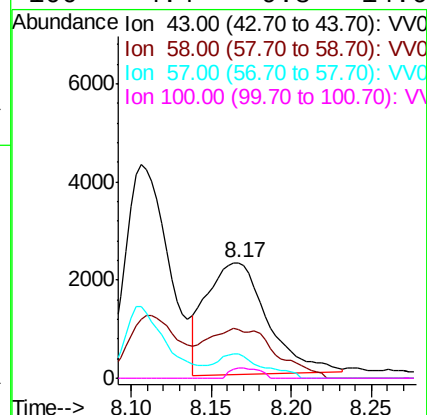
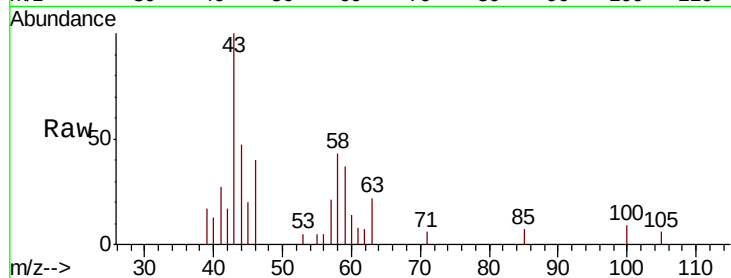




#48
2-Hexanone
Concen: 2.515 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV018085.D
Acq: 24 Aug 2020 13:38

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5979
Ion Ratio Lower Upper
43 100
58 0.0 44.4 66.6#
57 16.2 15.2 22.8
100 4.4 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.632 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018085.D
Acq: 24 Aug 2020 13:38

Tgt Ion: 75 Resp: 15686
Ion Ratio Lower Upper
75 100
77 37.1 25.7 38.5

